Platimax Power Supply Series

Your satisfaction, Our priority.

• 500/600W • 750/850W

Platimax

80 PLUS PLATINUM | 5 YEARS WARRANTY | real ErP Lot 6 ready

FEATURES

89PLUS ready!
World's leading Hybrid modular cables PSU series with 89-94% efficiency @ 20-100% load. Compliant with 80 PLUS® Platinum standard.

ErP Lot 6 ready!
Help system meet ErP Lot 6 2010 (< 1W at standby mode) with high efficient +5Vsb circuitry.*
* With ErP Lot 6 enabled motherboard.

Dynamic Hybrid Transformer Topology
Technological breakthrough topology using a staged dynamic transformer array for extremely high efficient with the most durable and stable output at any load.

C6 & Hybrid ready!
Maximum compatibility with C6 & hybrid states of current and future CPU & GPU generations by ZERO LOAD Design.

DXXI ready!
100% 6+2P (8P) PCI-E connectors to support new generation DXXI graphic cards.

Future ready!
12P modular design for possibly upcoming new CPU and GPU 10P and/or 12P connectors.

Gaming ready!
ATX12V v2.3 support for latest Intel® Core™ 2 Duo/Quad/Extreme/i7/i5, and AMD® Athlon™ 64X2 & Phenom™ II and SLI® or CrossFireX™.

24/7 @ 50°C ready!
Non-Stop industrial class performance at 50°C ambient.

World ready!
100-240VAC in with automatic adjustment and active PFC for global usage.

CordGuard
Fixing the AC cord tightly to avoid accidental shutdowns of your PC.

HeatGuard
Keeping PSU fan running for 30-60 seconds after shut down to dissipate the remaining system heat and prolong system lifetime.

SafeGuard
Industry-leading multiple protection circuitry of OCP, OVP, UVP, OPP, OTP, SCP & SIP.

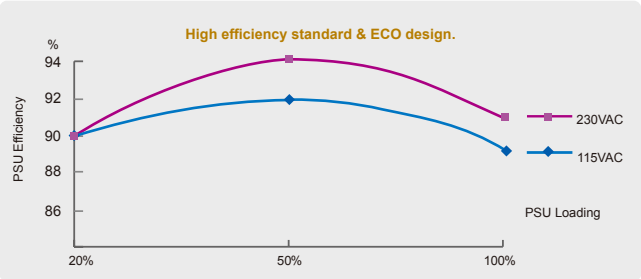
SpeedGuard
Advanced fuzzy logic fan speed control for optimal cooling and minimum noise. (Patented)

Twister fan inside!
13.9cm Twister-bearing fan with low noise and long lifetime. (100,000 hours MTBF, Patented)

100% 105°C Japanese electrolytic capacitors
Highest components standards for maximum durability and stability.

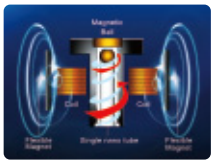
89PLUS ready! (Max. 94% @ 230VAC)

High efficiency performance certified to meet 80 PLUS® Platinum requirements.

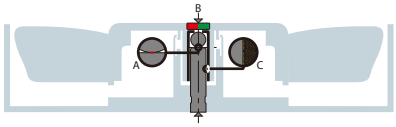


Twister bearing fan inside!

World's leading industrial fan.



Lower noise:1-2db(A) decrease
Longer life:100,000 hours MTBF

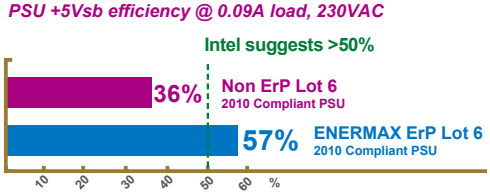


A. Minimal contact area
For effective noise reduction
B. Rotor with integrated magnet
For frictionless and smooth motion
C. Self-lubricating bearing material
Abrasion protection for longer lifetime

ErP Lot 6 2010 ready!

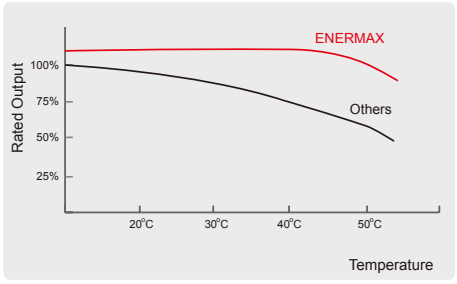
Advanced +5Vsb circuitry with up to 20% improved efficiency in comparison with generic designs helps your system meet ErP Lot 6 2010 (AC < 1W at standby) requirement.

*With ErP Lot 6 enabled motherboard.



24/7 @ 50°C ready!

Non-stop industrial class performance at 50°C ambient.



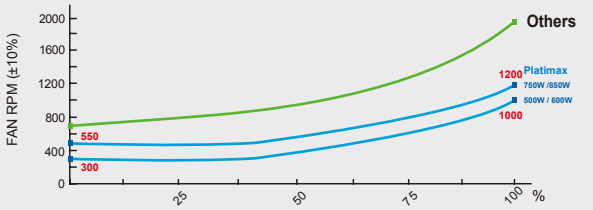
Future ready!

12P socket design for possibly upcoming 10P & 12P connector generations.

8P		today,
10P		tomorrow,
12P		and beyond.

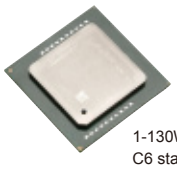
SpeedGuard

Advanced fuzzy logic fan speed control for optimal cooling and minimum noise. (Patented)

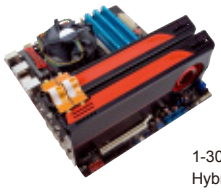


C6 & Hybrid mode ready!

Platimax provides tight DC regulation to support C6 mode and Hybrid graphic power saving mode thanks to its ZERO LOAD (0W) Design.



1-130W
C6 state CPU

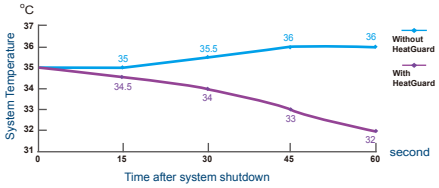


1-300W
Hybrid mode GPU

With 1W power consumption (C6 state / hybrid mode), most PSUs would have difficulties to maintain stable voltage output, and might shut-down for protection, otherwise their unstable voltage could damage system components!

HeatGuard

After shutdown, HeatGuard will keep PSU fan running for 30-60 seconds to dissipate the remaining system heat and prolong lifetime.



CordGuard

Fixing the AC cord tightly to avoid accidental shutdowns of your PC.

SafeGuard

Industry-leading multiple protection circuitry of OCP, OVP, UVP, OPP, OTP, SCP & SIP.

ENERMAX

SPECIFICATIONS

SPEC \ MODEL		EPM500AWT		EPM600AWT		EPM750AWT		EPM850EWT	
AC Input	Input voltage	100-240VAC 50-60 Hz							
	Input current	6.5 – 3A		8 – 3.5A		9 – 4.5A		11 – 5A	
DC Output	3.3V	20A	100W	20A	100W	24A	120W	24A	120W
	5V	20A		20A		24A		24A	
	12V1	25A	492W (41A)	25A	600W (50A)	25A	744W (62A)	30A	840W (70A)
	12V2	25A		25A		25A		30A	
	12V3	25A		25A		25A		30A	
	12V4	-	-	-	-	25A		30A	
	-12V	0.5A	6W	0.5A	6W	0.5A	6W	0.5A	6W
	+5Vsb	2.5A	12.5W	2.5A	12.5W	3A	15W	3A	15W
Total power		500W		600W		750W		850W	
* Peak power		550W		660W		825W		930W	

*Peak power may last up to 60 seconds.

CABLES & CONNECTORS

	Cables \ Models		EPM500AWT	EPM600AWT	EPM750AWT	EPM850EWT
Native Cables	24P MB		1 x 55cm	1 x 55cm	1 x 55cm	1 x 55cm
	+12V CPU	/	1 x 60cm 4+4(8P)x1	1 x 60cm 4+4(8P)x1	1 x 60cm 8Px1 & 4+4(8P)x1	1 x 60cm 8Px1 & 4+4(8P)x1
	6+2P (8P) PCI-E 2.0		-	-	-	2 x 45cm
Modular Cables	EMC014-G 2x PCI-E 2.0 6+2 Pin		1 x 50cm	2 x 50cm	2 x 50cm	2 x 50cm
	EMC019-G 4x SATA		1 x 45/60/75/90cm	1 x 45/60/75/90cm	2 x 45/60/75/90cm	2 x 45/60/75/90cm
	EMC020-G 4x 4 Pin Molex + FDD		1 x 45/60/75/90/105cm	1 x 45/60/75/90/105cm	1 x 45/60/75/90/105cm	1 x 45/60/75/90/105cm
	EMC021-G 2x SATA + 2x 4 Pin Molex		1 x 45/60/75/90cm	2 x 45/60/75/90cm	2 x 45/60/75/90cm	2 x 45/60/75/90cm

● 500/600W

150(W) x 86(H) x 160(D) mm

● 750/850W

150(W) x 86(H) x 175(D) mm

E134014 R43028 Z385 N4251

Tested To Comply With FCC Standards FOR HOME OR OFFICE USE

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